

LISTING OF CLAIMS

Claim 1 (Currently Amended): A method for manufacturing a light-transmitting module having a light-transmitting device, an electrically conductive carrier, a lens and a housing, said housing enclosing said light-transmitting device, said carrier and said lens, said light-transmitting device having a first electrode and a second electrode and transmitting light by supplying a current between said first and second electrodes, said method comprising the steps of:

mounting a sub-mount and a first post on said conductive carrier, said sub-mount being insulating with a first surface providing a metal film thereon, and said first post being made of insulating material with a metal film on an upper surface thereof,

mounting said light-transmitting device ~~thereon~~ on said sub-mount such that said first electrode of said light-transmitting device faces and is in contact with said metal film on said first surface of said sub-mount ~~and said first post being made of insulating material with a metal film on an upper surface thereof;~~

electrically connecting said first electrode of said light-transmitting device to said metal film on said first post; ~~and~~

testing said light-transmitting device by supplying said current through a first probe touching said metal film on said first post; and

cutting said electrical connection between said first electrode of said light-transmitting device and said metal film on said first post.

Claim 2 (Cancelled)

Claim 3 (Currently Amended): The method according to claim 2 1,

wherein said electrically connecting step further comprises a step of electrically ~~connective~~ connecting said second electrode of said light-transmitting device to said carrier.

Claim 4 (Currently Amended): The method according to claim 2 1,

wherein said mounting step further comprises a step of mounting an electrically conductive second post on said carrier, and said electrically connecting step further comprises a

step of electrically connecting said second electrode of said light-transmitting device to said second post.

Claim 5 (Currently Amended): The method according to claim 1, subsequently to said testing step and prior to said cutting step, further comprises steps of:

installing said carrier, on which said light-transmitting device and said first post are mounted, into said housing; and

mounting said lens on said carrier and aligning said lens with said light-transmitting device by supplying said current to said light-transmitting device through said first probe touching said metal film on said first post.

Claim 6 (Currently Amended): The method according to claim 5,

subsequently to said alignment of said lens, further comprises ~~steps~~ a step of:

~~cutting said electrical connection between said first electrode of said light transmitting device and said metal film on said first post;~~

mounting a driver for driving said light-transmitting device on said carrier; and

~~electrically connecting said driver to said first electrode and said second electrode of said light transmitting device.~~

Claim 7 (Cancelled)

Claim 8 (Cancelled)

Claim 9 (Currently Amended): The method according to claim ~~8~~ 12, ~~after said electrically connecting step between said first electrode of said light transmitting device and said metal film provided on said first post~~ after said cutting step, further comprises steps of:

~~cutting said electrical connection between said metal film provided on said first post and said other metal film on said third post;~~

mounting a driver for driving said light-transmitting device on said carrier; and

electrically connecting said driver to said ~~other~~ metal film provided on said third post.

Claim 10 (Original): The method according to claim 1,
wherein said first electrode is a cathode electrode of said light-transmitting device and
said second electrode corresponds to an anode electrode of said light-transmitting device.

Claim 11 (New): The method according to claim 6,
subsequently to said cutting step, further comprises a step of electrically connecting said
driver to said first electrode and said second electrode of said light-transmitting device.

Claim 12 (New): A method for manufacturing a light-transmitting module having a
light-transmitting device, an electrically conductive carrier, a lens and a housing, said housing
enclosing said light-transmitting device, said carrier and said lens, said light-transmitting device
having a first electrode and a second electrode and transmitting light by supplying a current
between said first and second electrodes, said method comprising the steps of:

- mounting a sub-mount, a first post, and a third post on said conductive carrier,
said sub-mount being made of electrically conductive material, said first post and said
third post being made of insulating material and each providing a metal film on an upper
surface thereof, respectively;

- mounting said light-transmitting device on said sub-mount such that said second
electrode of said light-transmitting device faces and is in contact with said sub-mount;

- electrically connecting said first electrode of said light-transmitting device to said
metal film on said first post through said metal film on said third post;

- testing said light-transmitting device by supplying said current through a first
probe touching said metal film on said first post; and

- cutting said electrical connection between said metal film on said first post and
said metal film on said third post.

Claim 13 (New): The method according to claim 12,
subsequently to said testing step and prior to said cutting step, further comprises steps of:

installing said carrier, on which said light-transmitting device and said first and third posts are mounted, into said housing; and

mounting said lens on said carrier and aligning said lens with said light-transmitting device by supplying said current to said light-transmitting device through said first probe touching said metal film on said first post.

Claim 14 (New): The method according to claim 12,
wherein said first electrode is a cathode electrode of said light-transmitting device and said second electrode corresponds to an anode electrode of said light-transmitting device.